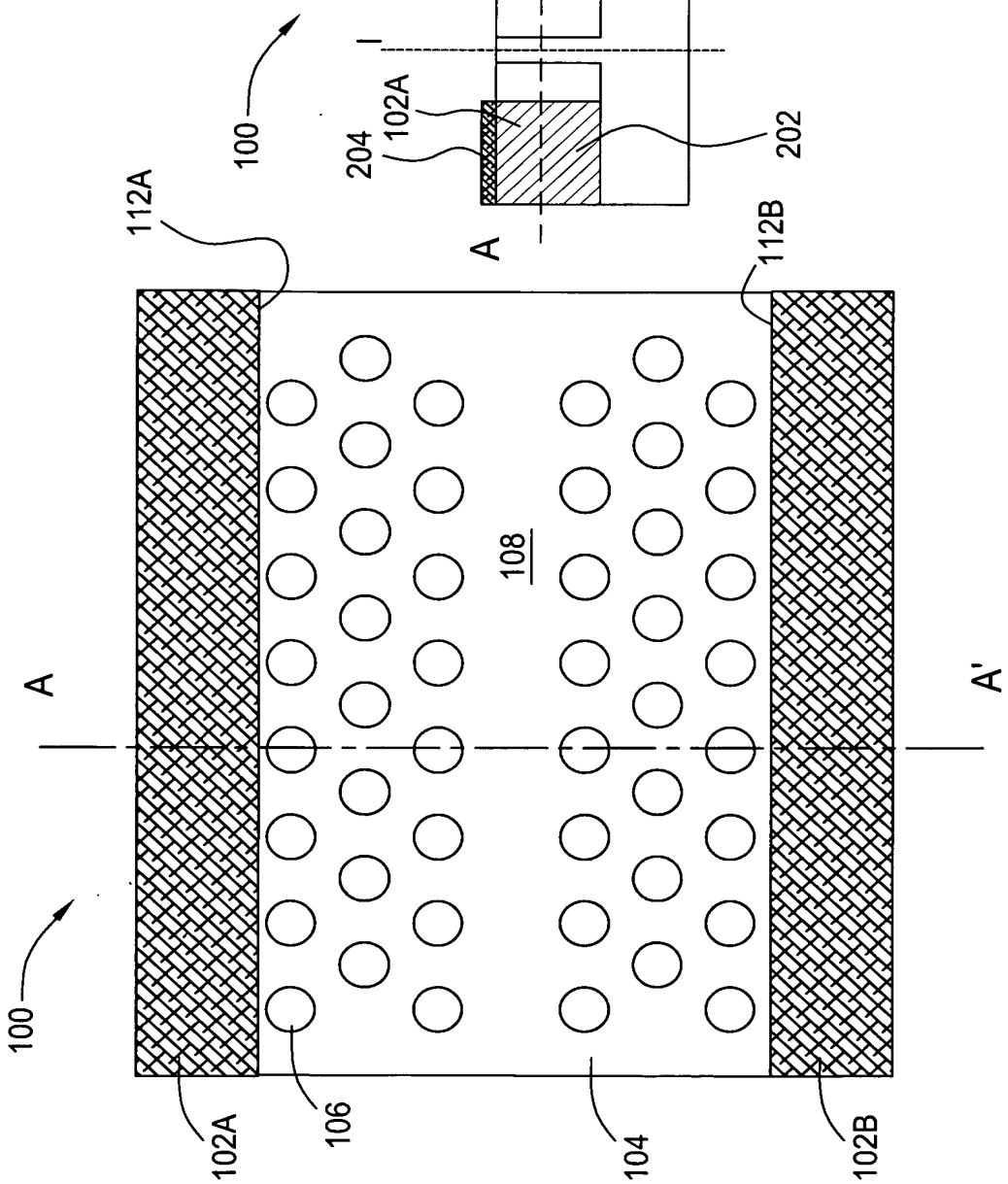
100
A
A'
102A
106
104
102B
112A
112B
108

FIG. 1

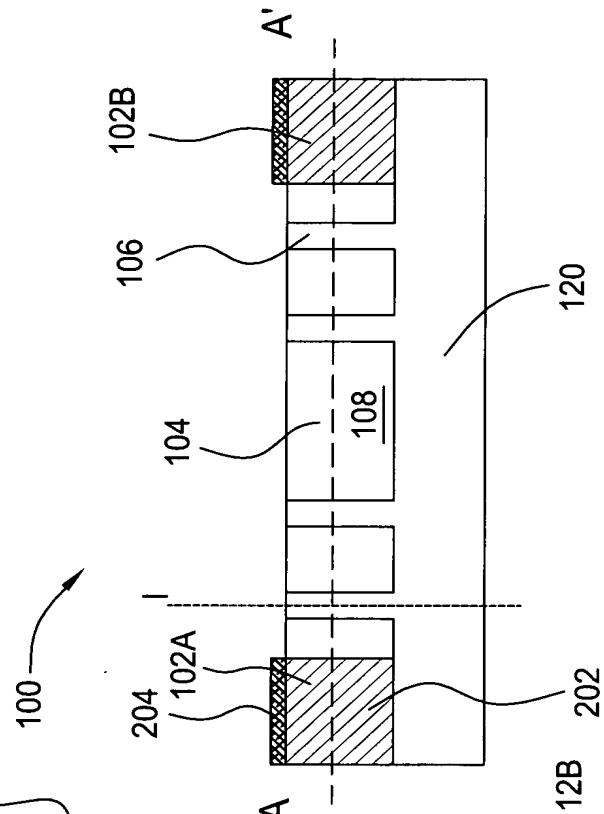
A'
102B
106
120
104
108
100
204
102A
202
A

FIG. 2

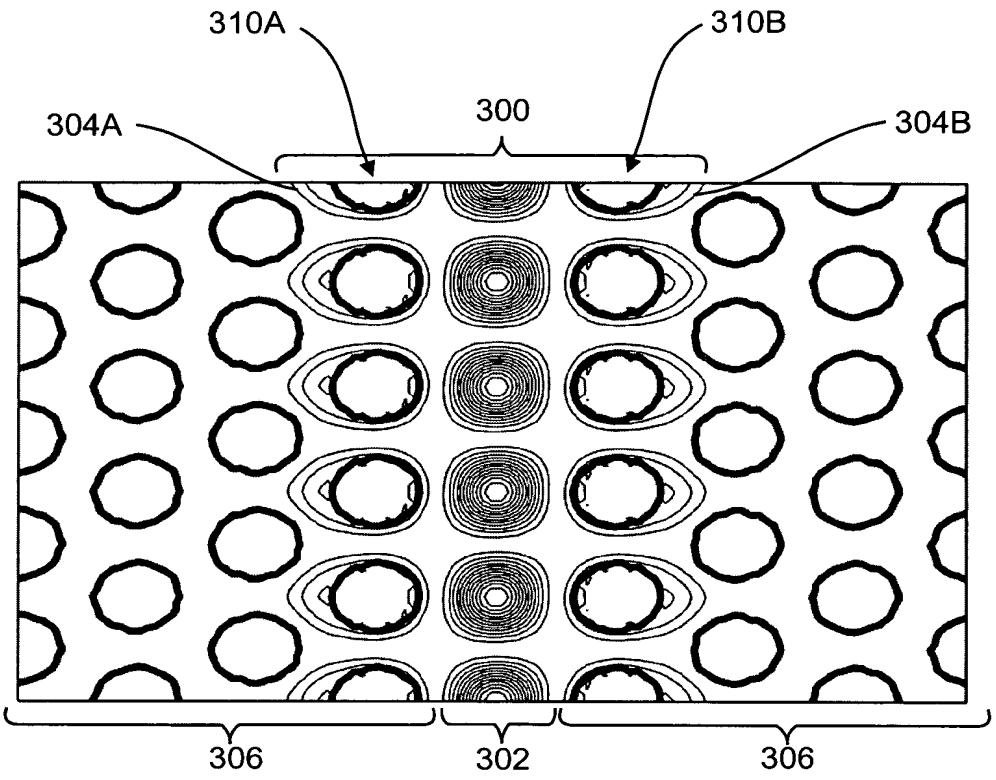

FIG. 3

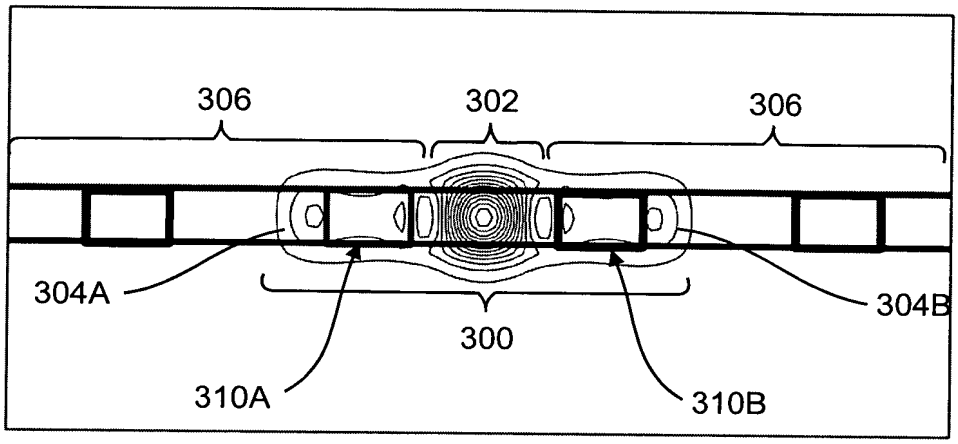

FIG. 4

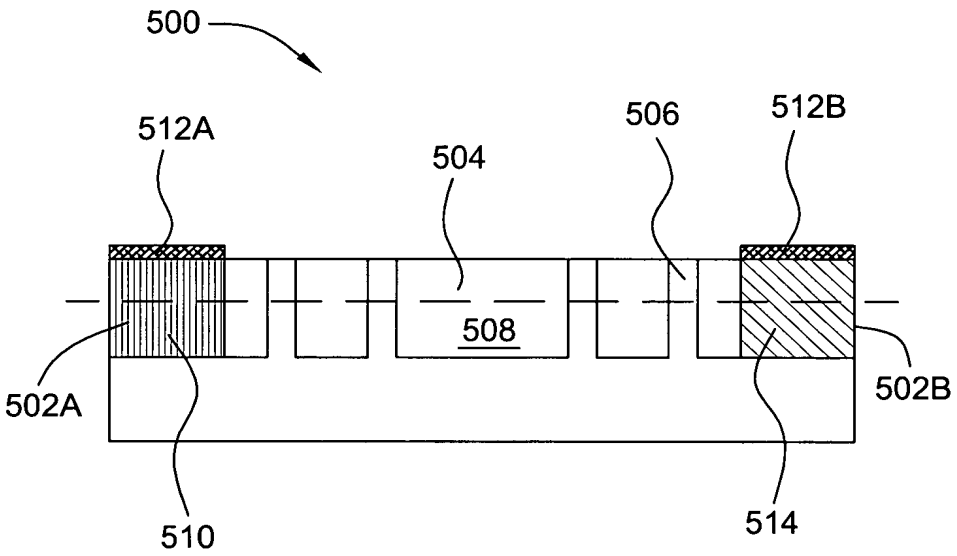

FIG. 5

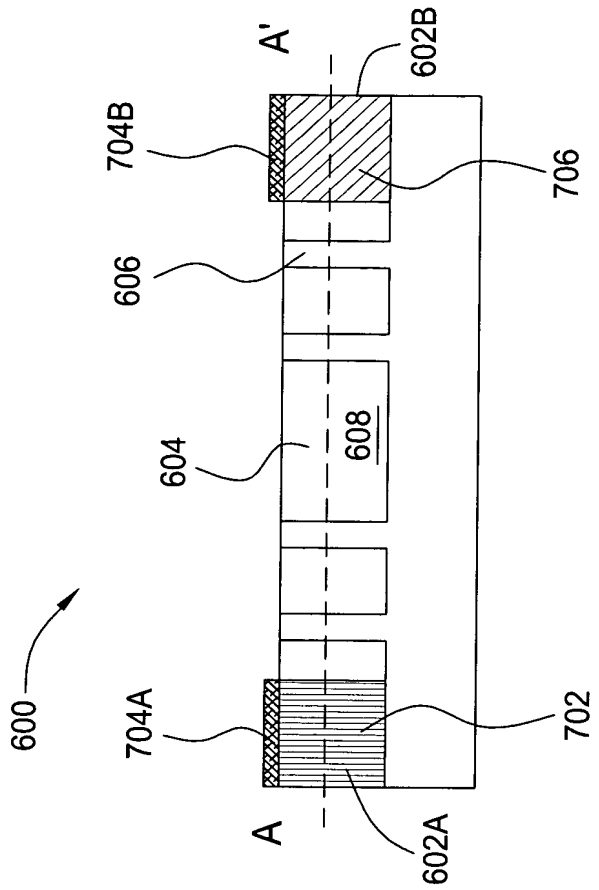
A'
602B
704B
706
606
604
608
704A
702
600
A
602A

FIG. 7

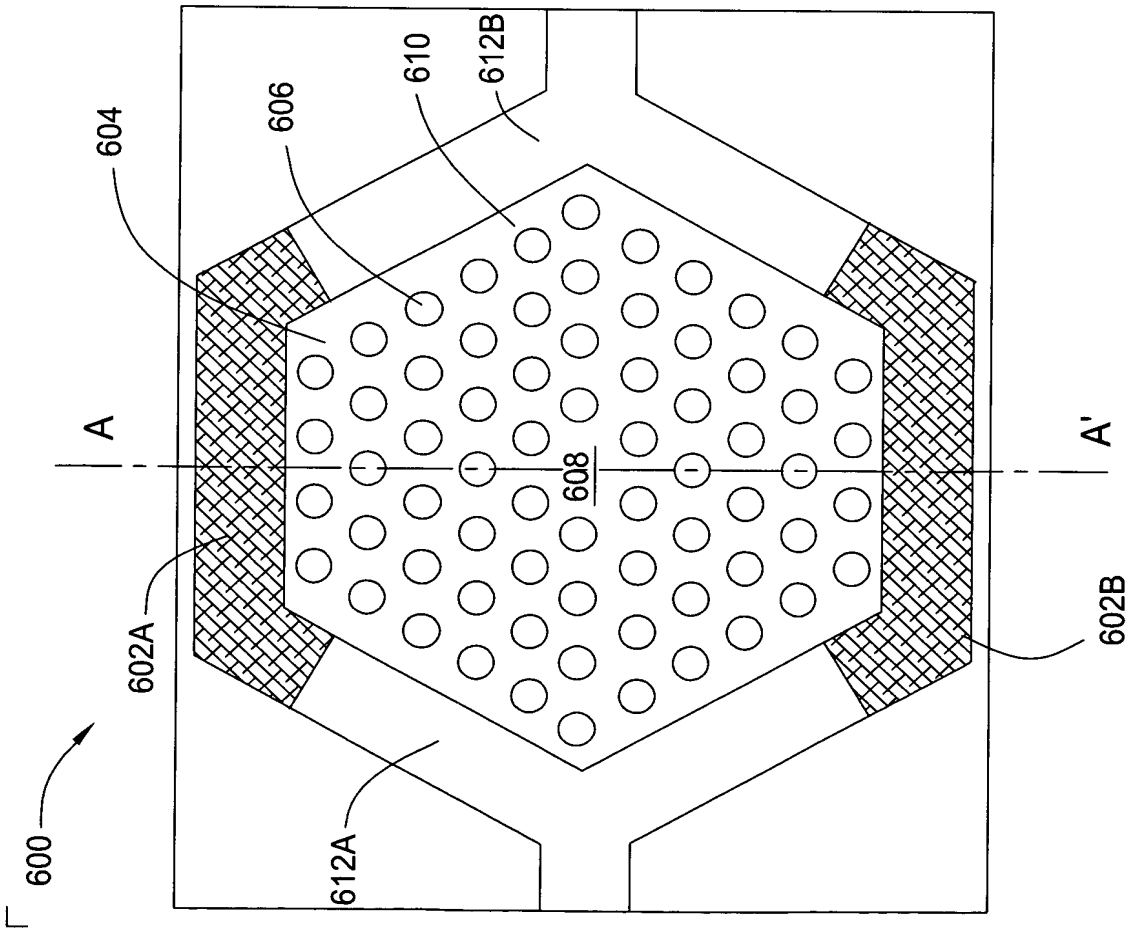
610
612B
606
604
A
A'
608
602A
602B
600
612A

FIG. 6

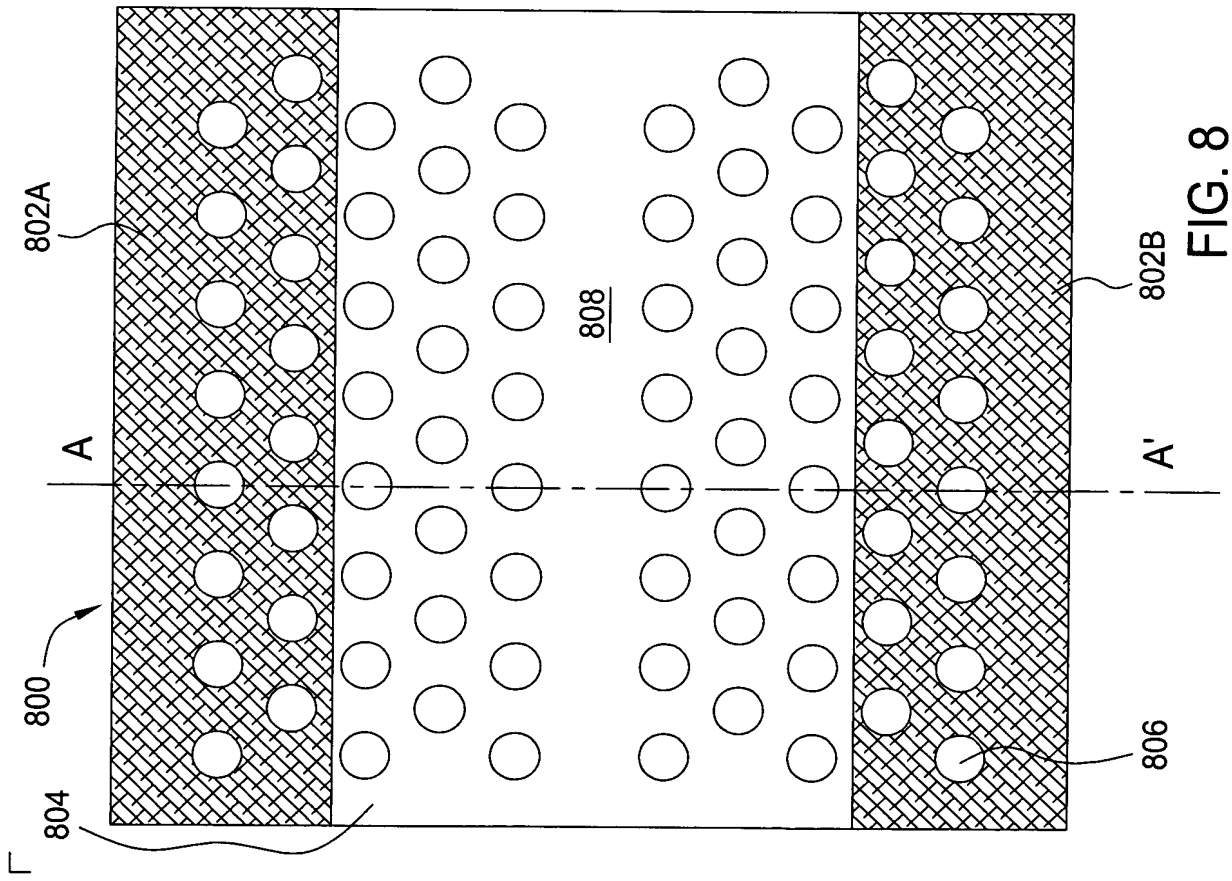
802A
808
802B
A
A'
800
804
806

FIG. 8

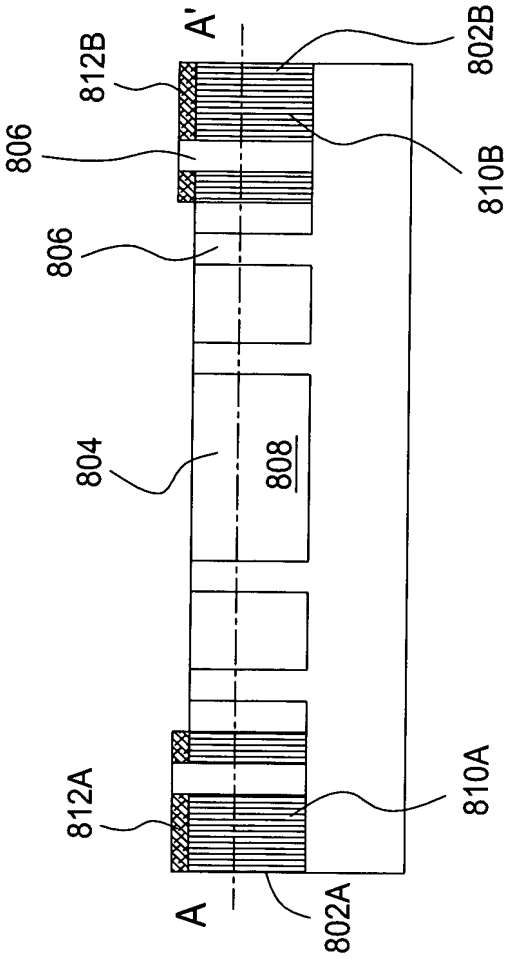
812B
A'
802B
806
810B
806
804
808
812A
810A
A
802A

FIG. 9

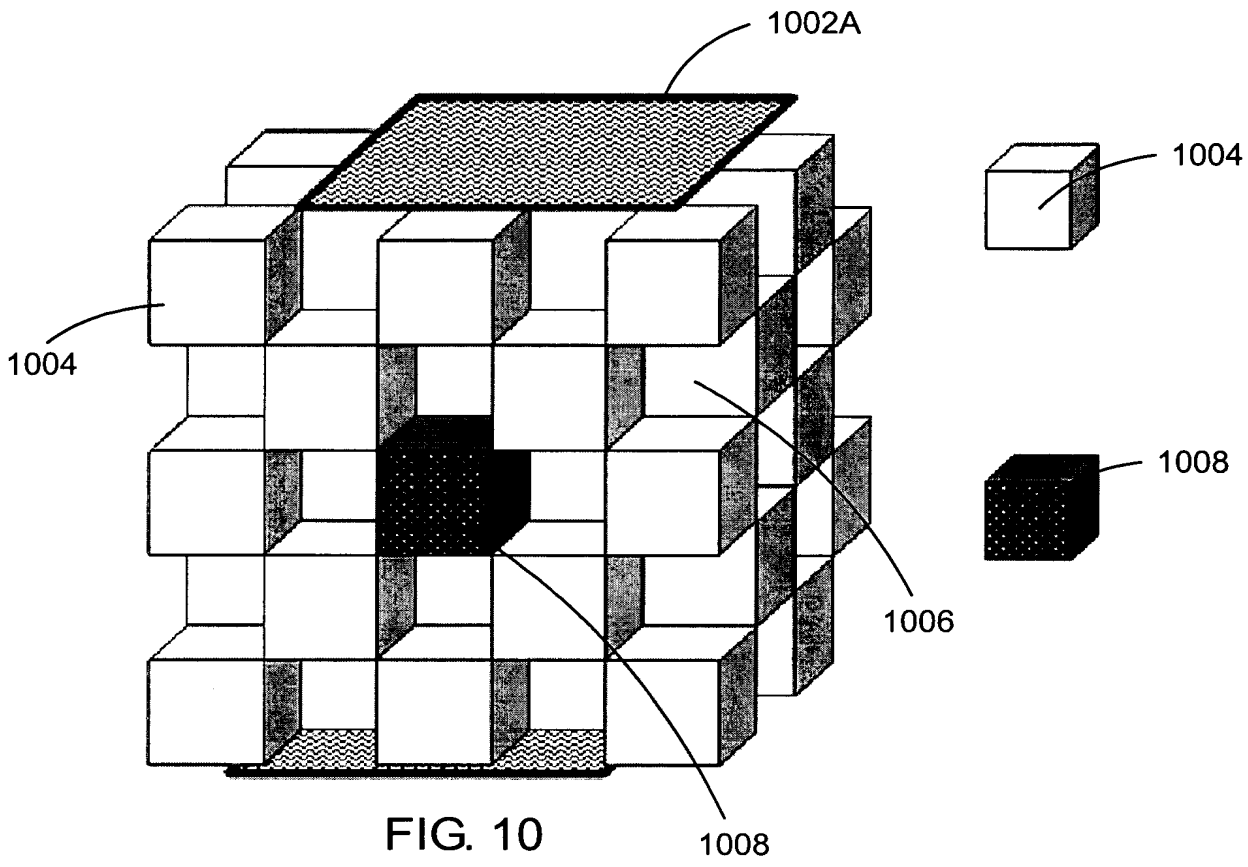
1002A
1004
1004
1008
1006
1008

FIG. 10

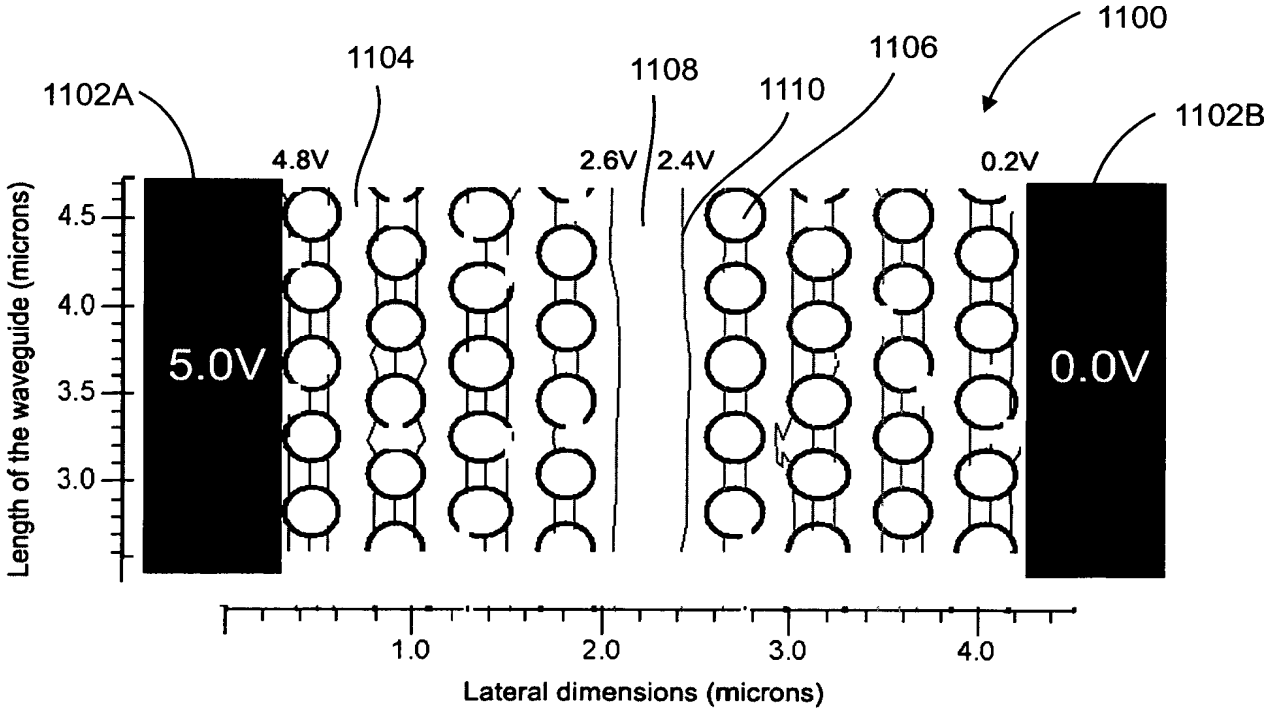
1100
1104
1108
1106
1110
1102A
1102B
4.8V
2.6V
2.4V
0.2V
5.0V
0.0V
Length of the waveguide (microns)
4.5
4.0
3.5
3.0
1.0
2.0
3.0
4.0
Lateral dimensions (microns)

FIG. 11